

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20020155061"	USPAT	OR	OFF	2009/09/25 21:36
L2	2	"20020155061"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/25 21:37
L3	2	"20020103264"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/25 21:40
S1	1825	((carbon adj monoxide) or CO) and (H2 or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor	USPAT	OR	OFF	2008/09/24 17:23
S2	954	((carbon adj monoxide) or CO) and (H2 or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor and (endothermic with reforming)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/24 17:24
S3	5015	(natural with gas with (conversion or convert)) ((carbon adj monoxide) or CO) and (H2 or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor and (endothermic with reforming)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/25 09:43

S4	531	(natural with gas with (conversion or convert)) and ((carbon adj monoxide) or CO) and (H2 or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor and (endothermic with reforming)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/25 09:43
S5	607	((natural with gas with (conversion or convert)) or ((heat with exchange with reformer) or HER)) and ((carbon adj monoxide) or CO) and (H2 or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor and (endothermic with reforming)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/25 09:48
S6	15	("3251652"   "4494965"   "4810485"   "5861137"   "5897970"   "5938800"   "5958218"   "5993619"   "5997594"   "6063515"   "6066307"   "6348278").PN. OR ("6572837").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 10:30
S7	63	US-4919844-\$.DID. OR US-4442490-\$.DID. OR US-8168453-\$.DID. OR US-5362453-\$.DID. OR US-5311894-\$.DID. OR US-8993473-\$.DID. OR US-4731098-\$.DID. OR US-9831588-\$.DID. OR US-2198743-\$.DID. OR US-4337170-\$.DID. OR US-7062982-\$.DID. OR US-1238044-\$.DID. OR US-4442020-\$.DID. OR US-2041084-\$.DID. OR US-5068058-\$.DID. OR US-8112691-\$.DID. OR US-5489501-\$.DID. OR US-5011625-\$.DID. OR US-2543091-\$.DID. OR US-5122299-\$.DID. OR US-9616192-\$.DID. OR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/25 10:56

		US-3149142-\$.DID. OR US-4294720-\$.DID. OR US-1011381-\$.DID. OR US-1277942-\$.DID. OR US-4265868-\$.DID. OR US-8685581-\$.DID. OR US-9832817-\$.DID. OR US-1773098-\$.DID. OR US-4122400-\$.DID. OR US-2612000-\$.DID. OR US-3070629-\$.DID. OR US-2982803-\$.DID. OR US-9426656-\$.DID. OR US-6112494-\$.DID. OR US-4340688-\$.DID. OR US-8860195-\$.DID. OR US-860195D-\$.DID. OR US-2168718-\$.DID. OR US-1862586-\$.DID. OR US-1180495-\$.DID. OR US-5220102-\$.DID. OR US-9332900-\$.DID.				
S8	1	"4758258".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:07
S9	0	"2003136146"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:07
S10	0	"2003/136146"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:07
S11	1	"2003/0136146"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:08
S12	22	((SHOOU-I) near2 (WANG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:10
S13	8	("3607125"   "3909299"   "4830834"   "4959079"   "5199961"   "5935531").PN. OR ("6793700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:14
S14	1	"6224789".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:20
S15	9	("4985231"   "6077459").PN. OR ("6224789").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:20
S16	5	09/965979	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:29
S17	0	09/0965979	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:30
S18	2	("4132065").PN. OR ("6669744").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 11:30
S19	1	"6217681".pn.	USPAT	OR	OFF	2008/09/25 11:47

S20	1	"4132065".pn.	USPAT	OR	OFF	2008/09/27 16:23
S21	1	10/524325	US-PGPUB; USPAT	OR	OFF	2008/09/28 11:37
S22	11	"4782096"	US-PGPUB; USPAT	OR	OFF	2008/09/28 11:42
S23	1	"4782096".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/28 11:42
S24	6257	((partial adj oxidation) or POX) and (refor\$4 or HER or EHTR)	US-PGPUB; USPAT	OR	OFF	2008/09/28 11:51
S25	3151	((partial adj oxidation) or POX) and (refor\$4 or HER or EHTR) and (natural adj gas)	US-PGPUB; USPAT	OR	OFF	2008/09/28 11:51
S26	2084	((partial adj oxidation) or POX) and (refor\$4 or HER or EHTR) and (natural adj gas) and (syngas or (synthesis adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/28 11:52
S27	0	2002/0103264	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/28 12:12
S28	2	"20020103264"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/28 12:12
S29	0	"5252609.pn"	USPAT	OR	OFF	2008/09/29 11:33
S30	1	"5252609".pn.	USPAT	OR	OFF	2008/09/29 11:33
S31	2	"4631182".pn. "4824658".pn.	USPAT	OR	OFF	2008/09/29 11:34
S32	1	"4919844".pn.	USPAT	OR	OFF	2008/09/29 13:52
S33	63	US-4919844-\$.DID. OR US-4442490-\$.DID. OR US-8168453-\$.DID. OR US-5362453-\$.DID. OR US-5311894-\$.DID. OR US-8993473-\$.DID. OR US-4731098-\$.DID. OR US-9831588-\$.DID. OR US-2198743-\$.DID. OR US-4337170-\$.DID. OR US-7062982-\$.DID. OR US-1238044-\$.DID. OR US-4442020-\$.DID. OR	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/29 14:32

		US-2041084-\$.DID. OR US-5068058-\$.DID. OR US-8112691-\$.DID. OR US-5489501-\$.DID. OR US-5011625-\$.DID. OR US-2543091-\$.DID. OR US-5122299-\$.DID. OR US-9616192-\$.DID. OR US-3149142-\$.DID. OR US-4294720-\$.DID. OR US-1011381-\$.DID. OR US-1277942-\$.DID. OR US-4265868-\$.DID. OR US-8685581-\$.DID. OR US-9832817-\$.DID. OR US-1773098-\$.DID. OR US-4122400-\$.DID. OR US-2612000-\$.DID. OR US-3070629-\$.DID. OR US-2982803-\$.DID. OR US-9426656-\$.DID. OR US-6112494-\$.DID. OR US-4340688-\$.DID. OR US-8860195-\$.DID. OR US-860195D-\$.DID. OR US-2168718-\$.DID. OR US-1862586-\$.DID. OR US-1180495-\$.DID. OR US-5220102-\$.DID. OR US-9332900-\$.DID.				
S34	8	((SHOOU-I) near2 (WANG)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/29 15:17
S35	20	((JOHN) near2 (REPASKY)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 15:17
S36	4	((JOHN) near2 (REPASKY)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/29 15:17
S37	25	((SHANKAR) near2 (NATARAJ)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 15:17
S38	12	((SHANKAR) near2 (NATARAJ)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/29 15:17
S39	12	((XIANG-DONG) near2 (PENG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 15:17
S40	5	((XIANG-DONG) near2 (PENG)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/29 15:17
S41	1	"20020103264"	US-PGPUB; USPAT	OR	OFF	2009/02/24 16:21
S42	1	"20020155061"	US-PGPUB; USPAT	OR	OFF	2009/02/24 16:22
S43	2	S41 or S42	US-PGPUB; USPAT	OR	OFF	2009/02/24 16:39

S44	2	S43 and (exchange reformer)	US-PGPUB; USPAT	OR	OFF	2009/02/24 16:39
S47	14	((carbon adj monoxide) or CO) and ("H.sub.2" or hydrogen) and (syngas or (synthesis adj gas)) and (exothermic) and reactor and (heat adj exchange adj reformer)	USPAT	OR	OFF	2009/02/24 16:41
S48	8	((SHOOU-I) near2 (WANG)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/25 10:07
S49	22	((JOHN) near2 (REPASKY)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/25 10:07
S50	4	((JOHN) near2 (REPASKY)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/25 10:07
S51	28	((SHANKAR) near2 (NATARAJ)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/25 10:07
S52	12	((SHANKAR) near2 (NATARAJ)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/25 10:07
S53	13	((XIANG-DONG) near2 (PENG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/25 10:07
S54	5	((XIANG-DONG) near2 (PENG)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/25 10:07
S55	15	(S48 S49 S50 S51 S52 S53 S54) and reformer	USPAT	OR	OFF	2009/02/25 10:07
S56	22	((SHOOU-I) near2 (WANG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/25 10:08
S57	8	(S48 S49 S50 S51 S52 S53 S54 S56) and (heat with exchange with reformer)	USPAT	OR	OFF	2009/02/25 10:08
S58	8	(S48 S49 S50 S51 S52 S53 S54 S56) and (heat with exchange with reformer)	USPAT	OR	ON	2009/02/25 10:09
S59	2	syngas and ((partial adj oxidation) with diluent with coo\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 09:50
S60	21	syngas and ((partial adj oxidation) with ((diluent or (carbon adj dioxide)) or "cO.sub.2") with coo \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:01

S61	21	syngas and ((partial adj oxidation) with ((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:03
S62	15	syngas with ((partial adj oxidation) with ((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:03
S63	110	syngas with (((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:04
S64	24	syngas with (((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo\$4 with catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:05
S65	31	syngas same (((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo \$4 with catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:07
S66	7	("20030171442"   "20040047800"   "5011625"   "5122299"   "5362454"   "6855272"   "7074347"). PN. OR ("7220505"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/27 10:10
S67	19	syngas same (((diluent or (carbon adj dioxide) or "cO.sub.2")) with coo \$4 with catalyst) and (partial adj oxidation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:12
S68	324	syngas same ((partial adj oxidation) and ((carbon adj dioxide) or "cO.sub.2") with refor \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:36
S69	13	syngas same ((partial adj oxidation) with ((water with shift) and ((carbon adj dioxide) or "cO.sub.2")) with refor \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 10:59
S70	0	syngas same ((partial adj oxidation) with ((water with shift) and (((carbon adj dioxide) or "cO.sub.2")) and coo\$4) with refor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 11:01

S71	18	syngas same ((partial adj oxidation) and ((water with shift) and (((carbon adj dioxide) or "cO.sub.2")) and coo\$4) with refo\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 11:02
S72	8	("4365006"   "4988283"   "5264202"   "5417051"   "5752995"   "5852925"   "6200128"   "6217681"). PN. OR ("6981994"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/27 13:35
S73	59	US-4919844-\$.DID. OR US-4442490-\$.DID. OR US-6166453-\$.DID. OR US-5362453-\$.DID. OR US-3111894-\$.DID. OR US-6993473-\$.DID. OR US-4731098-\$.DID. OR US-8311588-\$.DID. OR US-2198743-\$.DID. OR US-4337170-\$.DID. OR US-7062982-\$.DID. OR US-1238044-\$.DID. OR US-4442020-\$.DID. OR US-2041084-\$.DID. OR US-5068058-\$.DID. OR US-8112691-\$.DID. OR US-6489501-\$.DID. OR US-5011625-\$.DID. OR US-2543091-\$.DID. OR US-5122299-\$.DID. OR US-9616192-\$.DID. OR US-4294720-\$.DID. OR US-4265868-\$.DID. OR US-8515181-\$.DID. OR US-9832817-\$.DID. OR US-7130198-\$.DID. OR US-4122400-\$.DID. OR US-2612000-\$.DID. OR US-3070629-\$.DID. OR US-2982803-\$.DID. OR US-9426656-\$.DID. OR US-6112494-\$.DID. OR US-4340688-\$.DID. OR US-8860195-\$.DID. OR US-860195D-\$.DID. OR US-2168718-\$.DID. OR US-1862586-\$.DID. OR US-1180495-\$.DID. OR US-9332900-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/27 13:40

S74	32	syngas same ((partial adj oxidation) and (reverse with water with shift with gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 14:31
S75	27	syngas same ((partial adj oxidation) and (reverse adj water with shift with gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 14:35
S76	214	((partial adj oxidation) and (reverse adj water with shift with gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/27 14:41
S77	14	("3097082"   "3723344").PN. OR ("3919114").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/27 14:49
S78	28	("4791079"   "4793904"   "4802958"   "4933054"   "5068058"   "5160713"   "5276237"   "5306411"   "5356728"   "5364506"   "5534471"   "5573737"   "5580497"   "5591315"   "5599383"   "5846641"   "5868918").PN. OR ("6077323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/27 15:01
S79	2	"6929668".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/02 12:27
S80	11	("5057164"   "5073356"   "5160456"   "5238057"   "5486313"   "5538706"   "5624964"   "5720901"   "5746985"   "5968457").PN. OR ("6929668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:28
S81	32	("4927857"   "5087271"   "5149464"   "5250083"   "5252609").PN. OR ("5720901").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:42
S82	418	(partial adj oxidation) with (water and cool\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:43
S83	2	"20050074395"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:46

S84	7	("20030047716"   "2818326"   "4605423"   "4704137"   "4705542"   "6833013"). PN. OR ("7163647"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:46
S85	18	("2767806"   "2931715"   "2971830"   "4074981"   "4218423"). PN. OR ("4605423"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:50
S86	7	("4377394"   "4605423"   "4768470"   "4848982"   "4859213"). PN. OR ("5976203"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 12:51
S87	3	(partial adj oxidation) with ((quenc\$4 with cooling) with catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/02 12:53
S88	6	(partial adj oxidation) with ((quenc\$4 and cooling) with catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/02 12:53
S89	33	(partial adj oxidation) and ((quenc\$4 with cooling) with catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/02 12:55
S90	27	("2384874"   "3353924"   "3433600"   "3433609"   "3475136"   "3498756"   "3598527"   "3694169"   "3705016"   "3746515"   "3784361"   "4311671"   "4367206").PN. OR ("4411877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 13:00
S91	27	("2384874"   "3353924"   "3433600"   "3433609"   "3475136"   "3498756"   "3598527"   "3694169"   "3705016"   "3746515"   "3784361"   "4311671"   "4367206").PN. OR ("4411877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 13:00

S92	54	( "1899184"   "2481217"   "2585737"   "2607670"   "2612444"   "2662004"   "2662912"   "2671719"   "2678264"   "2709645"   "2844453"   "3170017"   "3650519"   "3873073"   "3970474"   "4062657"   "4126668"   "4132764"   "4205194"   "4406666"   "4443644"   "4443646"   "4443647"   "4544784"   "4560821"   "4582630"   "4665260"   "4925456"   "5011625"   "5112527"   "5130286"   "5177304"   "5298233").PN. OR ("5478370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 13:11
S93	50	(US-6069180-\$ or US- 4279830-\$ or US- 4497637-\$ or US- 4568364-\$ or US- 4840931-\$ or US- 4946477-\$ or US- 4980145-\$ or US- 5218003-\$ or US- 5232467-\$ or US- 5435814-\$ or US- 5474596-\$ or US- 5478370-\$ or US- 5498370-\$ or US- 5645615-\$ or US- 5669960-\$ or US- 5947063-\$ or US- 5993517-\$ or US- 6045603-\$ or US- 6156872-\$ or US- 6191066-\$ or US- 4409412-\$ or US- 4525187-\$ or US- 4540810-\$ or US- 4556645-\$ or US- 4568663-\$ or US- 4600499-\$).did. or (US- 4605678-\$ or US- 4606811-\$ or US- 4617320-\$ or US- 4617288-\$ or US- 4619910-\$ or US- 4628066-\$ or US-	USPAT	OR	OFF	2009/03/06 10:50

		4778484-\$ or US- 4778485-\$ or US- 4801573-\$ or US- 4857559-\$ or US- 4863492-\$ or US- 4880439-\$ or US- 4942734-\$ or US- 5210060-\$ or US- 5221652-\$ or US- 5321185-\$ or US- 5336825-\$ or US- 5382271-\$ or US- 5384335-\$ or US- 5441990-\$ or US- 5459166-\$ or US- 5547648-\$ or US- 5560900-\$ or US- 5626794-\$).did.				
S94	20	S93 and (two with reactor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/06 10:51
S95	54	("1899184"   "2481217"   "2585737"   "2607670"   "2612444"   "2662004"   "2662912"   "2671719"   "2678264"   "2709645"   "2844453"   "3170017"   "3650519"   "3873073"   "3970474"   "4062657"   "4126668"   "4132764"   "4205194"   "4406666"   "4443644"   "4443646"   "4443647"   "4544784"   "4560821"   "4582630"   "4665260"   "4925456"   "5011625"   "5112527"   "5130286"   "5177304"   "5298233").PN. OR ("5478370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 10:52
S96	38	S95 and ((carbon adj dioxide) or "co.sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 10:53

S97	30	("1202995"   "1376514"   "1830167"   "1849357"   "2955909"   "3442619"   "3539292"   "3576603"   "3619142"   "3821362"   "3880987"). PN. OR ("4126668"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:02
S98	0	(multi adj stage) with (syn and gas) with ((carbon adj dioxide) or "co.sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:07
S99	5	(multi adj stage) with (synthesis and gas) with ((carbon adj dioxide) or "co.sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:08
S100	54	("1899184"   "2481217"   "2585737"   "2607670"   "2612444"   "2662004"   "2662912"   "2671719"   "2678264"   "2709645"   "2844453"   "3170017"   "3650519"   "3873073"   "3970474"   "4062657"   "4126668"   "4132764"   "4205194"   "4406666"   "4443644"   "4443646"   "4443647"   "4544784"   "4560821"   "4582630"   "4665260"   "4925456"   "5011625"   "5112527"   "5130286"   "5177304"   "5298233"). PN. OR ("5478370"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:10
S101	5	(multi with stage) with (synthesis and gas) with ((carbon adj dioxide) or "co.sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:10
S102	33	(multi with stage) with (synthesis and gas) and ((carbon adj dioxide) or "co.sub.2")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 11:10
S103	1	"5720901".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 14:16

S104	40	(US-20030113257-\$ or US-20030110694-\$ or US-20030110693-\$ or US-20030070808-\$ or US-20020103264-\$ or US-20030162846-\$ or US-20020173556-\$ or US-20020155061-\$ or US-20040182002-\$ or US-20080069765-\$ or US-20060029539-\$ or US-20050261382-\$ or US-20050074395-\$ or US-20030047716-\$).did. or (US-6572837-\$ or US-4758258-\$ or US-7074347-\$ or US-7241401-\$ or US-6534551-\$ or US-4132065-\$ or US-5252609-\$ or US-4919844-\$ or US-6048472-\$ or US-6981994-\$ or US-6114400-\$ or US-6214066-\$ or US-7375051-\$ or US-5500149-\$ or US-6077323-\$ or US-5538706-\$ or US-5720901-\$ or US-4605423-\$ or US-4411877-\$ or US-4126668-\$ or US-5112527-\$).did. or (US-2620348-\$ or US-2529630-\$).did. or (WO-3080503-\$).did. or (US-5122299-\$ or WO-2008115933-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/03/06 14:18
S105	28	S104 and (heat with exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/06 14:18
S106	31	(multi with stage) with (synthesis and gas) and ((carbon adj dioxide) or "co.sub.2") and cool\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/06 14:27
S107	1	(multi with stage) with (synthesis and gas) and ((carbon adj dioxide) or "co.sub.2") and cool\$4	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:08

S108	537	(synthesis and gas) and ((carbon adj dioxide) or "co.sub.2") and cool\$4	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:10
S109	549	(synthesis and gas) and ((carbon adj dioxide) or "co.sub.2") and coo\$4	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:10
S110	272	(synthesis and gas) with ((carbon adj dioxide) or "co.sub.2") and coo\$4	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:10
S111	3	(synthesis and gas) with ((carbon adj dioxide) or "co.sub.2") and coo\$4 and diluent	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:11
S112	9	(synthesis and gas) with ((carbon adj dioxide) or "co.sub.2") and diluent	EPO; JPO; DERWENT	OR	ON	2009/03/06 15:15
S113	42	(US-20030113257-\$ or US-20030110694-\$ or US-20030110693-\$ or US-20030070808-\$ or US-20020103264-\$ or US-20030162846-\$ or US-20020173556-\$ or US-20020155061-\$ or US-20040182002-\$ or US-20080069765-\$ or US-20060029539-\$ or US-20050261382-\$ or US-20050074395-\$ or US-20030047716-\$).did. or (US-6572837-\$ or US-4758258-\$ or US-7074347-\$ or US-7241401-\$ or US-6534551-\$ or US-4132065-\$ or US-5252609-\$ or US-4919844-\$ or US-6048472-\$ or US-6981994-\$ or US-6114400-\$ or US-6214066-\$ or US-7375051-\$ or US-5500149-\$ or US-6077323-\$ or US-5538706-\$ or US-5720901-\$ or US-4605423-\$ or US-4411877-\$ or US-4126668-\$ or US-5112527-\$).did. or (US-2620348-\$ or US-2529630-\$).did. or (WO-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/04/09 08:52

		3080503-\$ or WO- 9848921-\$).did. or (US- 5122299-\$ or WO- 2008115933-\$ or US- 6585884-\$).did.				
S114	37	S113 and (water "h. sub.2o")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 08:52

**9/ 25/ 2009 10:43:55 PM**

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